



BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

BYATARAYANAPURA DIVISION

KODIGEHALI SUB DIVISOIN

**Name of the Work : Improvements of Roads and Construction of
RCC Drain in A Block Sahakaranagara.**

Estimate Cost : 15.00 Lakhs

Job Code : 007-12-000060

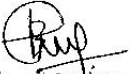
ತಾಂತ್ರಿಕ ವರದಿ

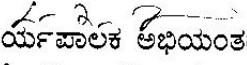
ವಿಷಯ:- Improvements of Roads and Construction of RCC Drain
in A Block, Sahakaranagara in ward no. 7 Kodigehalli
sub Division ರ ಅಂದಾಜು ಪಟ್ಟಿ ಮಂಜೂರಾತಿ ಕೋರಿ. ಅಂದಾಜು
ಮೊತ್ತ:- 15.00 ಲಕ್ಷಗಳು, ವರ್ಕ್ ಕೋಡ್:- 007-12-000060

ಮೇಲಿನ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ 2012-13ನೇ ಸಾಲಿನ ಪಿ.ಒ.ಡಬ್ಲ್ಯೂ. ಯೋಜನೆಯಡಿಯಲ್ಲಿ ಈ ಕಾಮಗಾರಿಯು ಅನುಮೋದನೆಗೊಂಡಿದ್ದು, ಸದರಿ ಕಾಮಗಾರಿಗೆ ಸ್ಥಳ ಪರಿವೀಕ್ಷಣೆ ಮಾಡಿ ಅಂದಾಜು ಪಟ್ಟಿಯನ್ನು 2011-12ನೇ ಸಾಲಿನ ಲೋಕೋಪಯೋಗಿ ಇಲಾಖೆ ದರದ ಆಧಾರದ ಮೇಲೆ ಈ ಕೆಳಗಿನ ಐಟಂಗಳನ್ನು ಅಳವಡಿಸಿಕೊಂಡು ಅಂದಾಜು ಪಟ್ಟಿಯನ್ನು ತಯಾರಿಸಲಾಗಿರುತ್ತದೆ. ಅಂದಾಜು ಪಟ್ಟಿಯಲ್ಲಿ ರಸ್ತೆಯ ಅಭಿವೃದ್ಧಿಗಾಗಿ ಈ ಕೆಳಗಿನ ಐಟಂಗಳನ್ನು ಅವಶ್ಯಕತೆಗೆ ಅನುಗುಣವಾಗಿ ಅಳವಡಿಸಿಕೊಳ್ಳಲಾಗಿರುತ್ತದೆ.

- 1) Earth work excavation
- 2) PCC 1:4:8
- 3) RCC, Steel,
- 4) Covering Slab
- 5) Centering and
- 6) Disposal of Debris

ಈ ಮೇಲ್ಕಂಡ ಅಂಶಗಳನ್ನು ಕಾಮಗಾರಿ ನಿರ್ವಹಿಸಲು ಬೇಕಾದ ಐಟಂಗಳನ್ನು ನಿಗದಿಪಡಿಸಿಕೊಂಡು ಅಂದಾಜುಪಟ್ಟಿಯನ್ನು ರೂ. 15.00 ಲಕ್ಷ ರೂಗಳಿಗೆ ತಯಾರಿಸಲಾಗಿದೆ. ಈಗಾಗಲೇ ಕಾಮಗಾರಿಗಳಿಗೆ Job Code ದೊರೆತಿದ್ದು, ಅಂದಾಜು ಪಟ್ಟಿ ಮಂಜೂರಾತಿ ಪಡೆದು ಆಡಳಿತ/ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ಪ್ರಕ್ರಿಯೆ ಜರೂರಾಗಿರುವುದರಿಂದ ಅಂದಾಜು ಪಟ್ಟಿ ಮಂಜೂರಾತಿಗಾಗಿ ಹಾಗೂ ಮುಂದಿನ ಸೂಕ್ತ ಕ್ರಮಕ್ಕಾಗಿ ಕಡತದೊಂದಿಗೆ ಸಲ್ಲಿಸಿದೆ.


ಕಿರಿಯ ಅಭಿಯಂತರರು
ವಾರ್ಡ್ ನಂ. 7


ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೊಡಿಗೆಹಳ್ಳಿ ಉಪವಿಭಾಗ

BRUHATH BANGALURU MAHANAGARA PALIKE

NAME OF WORK:- Detailed estimate for the work of Improvements of roads and Construction of RCC drain in 'A' block, Sahakaranagar in Ward No. 7

ESTIMATED COST 1500000.00

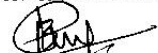
Sl. No.	DESCRIPTION	NO	L	B	D	QTY	UNIT	RATE	AMOUNT
1	KSRRB M300-2: Earth work excavation by manual means in Ordinary Soil involving an average horizontal throw up to 2mts and an average lift up to 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3. (P.No.149, I.No.19.1 of PW,P&I WTD S.R 2011-12)								
	Near workspot over burden earth	1	15.00	9.00	1.00	135.00			
		1	16.00	6.50	0.90	93.60			
						228.60	Cum	62.86	14370.6
	Basic Rate Rs.	58.20							14368.88
	Add 8% A.W Rs.	4.66							
	Total Rate Rs.	62.86							
2	Earth work excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in Hard soil not exceeding 1.5m. In depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. after breaking specification. (P-5,I-2.4 PWD SR 2011-12)								
	RCC drain	1	1	105.00	1.20	151.20			
		1	1	105.00	1.20	151.20			
						302.40	Cum	217.08	65644.99
	Basic Rate Rs.	201.00							65645.0
	Add 8% A.W Rs.	16.08							
	Total Rate Rs.	217.08							
3	Providing and laying in position plain cement concrete of mix M7.5 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15cms. thick well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2, No. 12/ Item No. 4.3/ PWD SR 2011-12								
	RCC drain	1	1	105.00	1.20	18.90			
		1	1	105.00	1.20	18.90			
						37.80	Cum	3939.41	148909.62
	Basic Rate Rs.	3647.60							148910.0
	Add 8% A.W Rs.	291.81							
	Total Rate Rs.	3939.41							

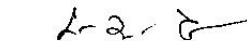
4	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878cum and fine aggregates @ 0.459cum, with superplastisiser @ 3lts conforming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1,4.6, No. 13/ Item No. 4.11/ PWD SR 2011-12						
	RCC drain	2	105.00	1.20	0.10	25.20	
		2	105.00	1.20	0.10	25.20	
	Bouttem	2	105.00	0.60	0.08	9.49	1050
	Basic Rate Rs.	4904.40	✓				Cum 5296.75
	Add 8% A.W Rs.	392.35					
	Total Rate Rs.	5296.75	✓				
	Total = 59.85 cum						317010.61
5	Providing T.M.T steel reinforcement for R.C.C work including straightening cutting, bending, hooking, placing wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of ,materials, labor HOM of machinery completed as per specifications. {P.No.19/4.46PWD SR 2011-12}						
	80% 70% OF Qty vide Item No. 4	0.80	59.85			47.88	
						47.88	Qntl 7347.82
	Basic Rate Rs.	6803.54	✓				351813.77
	Add 8% A.W Rs.	544.28					351814.00
	Total Rate Rs.	7347.82	✓				
6	Providing and laying 10cms thick precast R.C.C. slabs (DATA RATE)						
		1	105.00	1.20		126.00	
		1	105.00	1.20		126.00	
						252.00	Sqm 1500.00
							378000.00
7	Providing and removing centering, shuttering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached plasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. {P.No.17/4.31 PWD SR 2011-12}						
	For RCC drain	1	1 X 4	105.00	1.20	504.00	
		1	1 X 4	105.00	1.20	504.00	
						1008.00	✓ Sqm 221.40
	Basic Rate Rs.	205.00					
	Add 8% A.W Rs.	16.40					
	Total Rate Rs.	221.40					223171.20

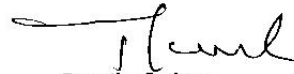
8	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means including loading and unloading. From 0.00 to 5.00 Km (Page No.141)					
	Basic rate for haulage of materials as per item no.17.4 page 141) Rs. 2.00	Cum				
	Average weight of earth 1.28 tonne / kg for	12.80	Qty vide Item No.01 + 02	454.68	81.00	36829.08
	Add loading and unloading Vide item no.17.1 P.no.141	62.20				
	Area Weightage @ 8%	75.00				
	Total	81.00				
9	Miscellaneous					4230.79
Total Estimate Cost						1500000.00
Rs. Fifteen Lakhs only						

CERTIFICATE

- 1) The work spot has been inspected by me and found that the work is found to be necessary and economical
- 2 The estimate is prepared as per PW, P&I/WT D S.R Bangalore circle for the year 2011-2012.
- 3 The Provisions made in the estimate are quite necessary and adequate.
- 4 The area comes with in the BBMP limits.


Assistant Engineer


Asst. Exe. Engineer
B.B.M.P. Bangalore.


Executive Engineer
B.B.M.P. Bangalore.

ADMINISTRATIVELY SANCTIONED FOR Rs. 15,00,000.00/-

Rupees fifteen Lakhs only

Under P.1771 P.O.W. 11-12

Registered as J.E (Y) No. 12-13

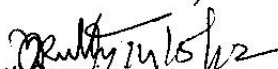
Subject to conditions contained in

enclosed memo J.E (Y) No. 200 / 12-13

Dt. 14/05/12 Estimate A/Sanctioned

J.S.17.1/AA/12-13 No. 200

dated 14/05/12 Rs. 15,00,000.00/-

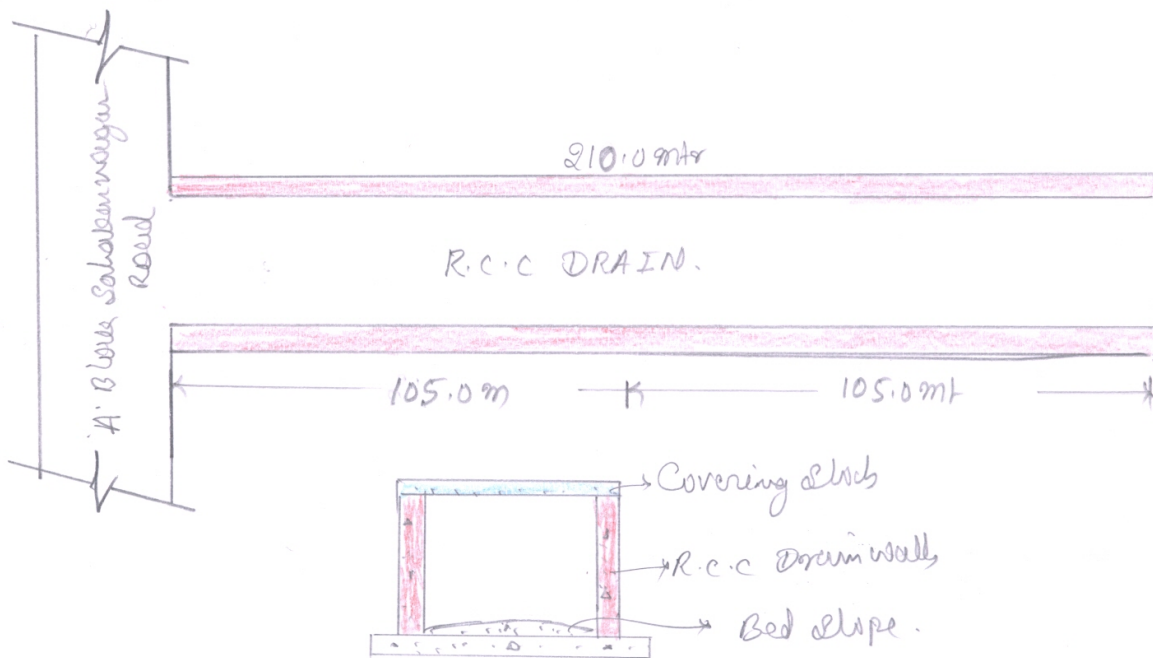

Joint Commissioner
(Bvatarayanapura)

Technical Sanction for Rs. <u>15,00,000.00</u>
<u>Fifteen Lakhs only</u>
under <u>P-1771 P.O.W. 11-12</u>
registered as EE No. <u>95</u> / <u>15.5.12</u> Subject to conditions contained enclosed memo.
No. <u>95</u> / <u>12-13</u> / Dt. <u>15-5-12</u>
 AE/JE
 EE (BTP. Div.)

Name of work: Improvements of Road and Construction of R.C.C Drain in 'A' Block Sahabanganagar in Ward no 7 Byatarayanapur,



Not To Scale



(Signature)
JE
-ug